

**ORIGINAL**

FORM PTO-1390 (REV. 01-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER  <b>Le A 35 945</b>	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (if known - see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold;">10/510018</div>	
INTERNATIONAL APPLICATION NO. <b>PCT/EP2003/002962</b>		INTERNATIONAL FILING DATE <b>21 March 2003 (21.03.2003)</b>		PRIORITY DATE CLAIMED <b>2 April 2002 (02.04.2002)</b>	
TITLE OF INVENTION <b>DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH NEUROPEPTIDE FF RECEPTOR 2 (NPFF2)</b>					
APPLICANT(S) FOR DO/EO/US <div style="text-align: center;"><b>Stefan GOLZ, et al.</b></div>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol>					
<b>Items 11 to 20 below concern document(s) or information included:</b>					
<ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:           <ol style="list-style-type: none"> <li>1) Certificate of Mailing under 37 C.F.R. 1.10;</li> <li>2) Transmittal of Information Disclosure Statement under 37 C.F.R. 1.97(b);</li> <li>3) Information Disclosure Citation (Modified Form PTO-1449) and copies of references cited therein; and</li> <li>4) Return Receipt Postcard.</li> </ol> </li> </ol>					

U.S. APPLICATION NO. <b>107510018</b> INTERNATIONAL APPLICATION NO. <b>PCT/EP2003/002962</b>		ATTORNEY'S DOCKET NUMBER <b>Le A 35 945</b>																															
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. .... \$ 1080.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$ 920.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$ 770.00  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$ 730.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$100.00 <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		<b>CALCULATIONS PTO USE ONLY</b>																															
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$ 920.00																															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:15%;">CLAIMS</th> <th style="width:20%;">NUMBER FILED</th> <th style="width:20%;">NUMBER EXTRA</th> <th style="width:15%;">RATE</th> <th style="width:15%;">\$</th> <th style="width:15%;"></th> </tr> <tr> <td>Total claims</td> <td>26 - 20 =</td> <td>- 6 -</td> <td>x \$18.00</td> <td>\$ 108.00</td> <td></td> </tr> <tr> <td>Independent claims</td> <td>13 - 3 =</td> <td>- 10 -</td> <td>x \$ 86.00</td> <td>\$ 860.00</td> <td></td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable) - 0 -</td> <td>+ \$ 290.00</td> <td>\$ 0.00</td> <td></td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td>\$ 1,888.00</td> <td></td> </tr> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		Total claims	26 - 20 =	- 6 -	x \$18.00	\$ 108.00		Independent claims	13 - 3 =	- 10 -	x \$ 86.00	\$ 860.00		MULTIPLE DEPENDENT CLAIM(S) (if applicable) - 0 -			+ \$ 290.00	\$ 0.00		<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,888.00		\$	
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<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 1,888.00																													
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		\$																															
<b>SUBTOTAL =</b>		<b>\$ 1,888.00</b>																															
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$																															
<b>TOTAL NATIONAL FEE =</b>		<b>\$ 1,888.00</b>																															
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +		\$																															
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 1,888.00</b>																															
		Amount to be refunded:																															
		charged:																															
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.  b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>13-3372</u> in the amount of \$ <u>1,888.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.  c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-3372</u> . A duplicate copy of this sheet is enclosed.  d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card</b> <b>information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.																																	
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.																																	
SEND ALL CORRESPONDENCE TO: <b>Customer No. 35969</b>																																	
<b>Jeffrey M. Greenman</b> <b>Bayer Pharmaceuticals Corporation</b> <b>400 Morgan Lane</b> <b>West Haven, CT 06516</b>		<div style="text-align: center;">             SIGNATURE  <b>Susan M. Pellegrino</b>            NAME  <b>48,972</b>            REGISTRATION NUMBER         </div>																															

10/510018

DT04 Rec'd PCT/PTO 0 1 OCT 2004

Attorney's Docket No. Le A 35 945

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Stefan Golz, et al.**

Serial No.: [to be assigned] National Stage Filing of PCT/EP2003/002962

Filed: herewith

For: **Diagnostics and Therapeutics for Diseases Associated with Neuropeptide FF Receptor 2 (NPFF2)**

MAIL STOP PCT  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

CERTIFICATE OF MAILING UNDER 37 CFR 1.10I hereby certify that the *attached* correspondence comprising:

- ☒ Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing under 35 U.S.C. 371 [IN DUPLICATE];
- ☒ Application Data Sheet under 37 C.F.R. 1.76;
- ☒ Preliminary Amendment;
- ☐ Original oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4));
- ☐ English Translation of the Application (35 U.S.C. 371(c)(2));
- ☒ Copy of the International Application as filed (35 U.S.C. 371(c)(2));
- ☒ Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98 consisting of Transmittal of Information Disclosure Statement under 37 C.F.R. 1.97(b), Information Disclosure Citation (Modified Form PTO-1449) and copies of references cited therein;
- ☒ Return Receipt Post Card;
- ☒ Other: **Submission of Sequence Listing consisting of:**
  - 1) **Sequence Listing in Computer Readable Form (Diskette enclosed);**
  - 2) **Statement as to the Identity of the Sequence Listing; and**
  - 3) **Printout of the Sequence Listing.**

is, on the date shown below, being deposited with the United States Postal Service, in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number ED015986094US addressed to:

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

1 October 2004  
Date

Signature of Person Certifying / **Beatriz Alviz**